

IN THE CLAIMS:

Claims 1-68, 72, 74, 75, 79, 81, 83, 85-104, 106-111, 113, 114, 116, 117, 119, 120, 122, 125, 127 and 137 were previously cancelled. Claims 69-71, 73, 76-78, 80, 82, 84 and 105 are currently amended. Claims 123, 124, 126, 130-136 and 138 are currently withdrawn. Of these, claims 126, 132-134 and 136 are also currently amended. Claims 121, 128 and 129 are currently cancelled. Claims 112, 115 and 118 are carried forward, all as follows:

Claims 1-68 (Cancelled)

69. (Currently Amended) A rotating body of a printing press comprising:
a rotating body barrel of said printing press rotating body, said barrel
including a base body having a base body axial length; and
an outer body of said printing press rotating body, said outer body being
positioned radially outside of, and spaced from said base body, said outer body having
an outer body axial length at least equal to said base body axial length;
an outer, closed cylindrical surface on said base body;
an inner surface on said outer body, said outer-body inner surface on said
outer body being spaced from said base-body outer closed cylindrical inner surface on
said base body and cooperating with said base-body outer closed cylindrical inner
surface on said base body to define a fluid impermeable an annular space;
a plurality of sleeves, each at least one sleeve of a thermal insulating

material supported on said base body, said plurality of sleeves each having a sleeve axial length less than said base body axial length, said plurality of sleeves being axially abutting and being enclosed in said annular space, each said at least one sleeve having a sleeve inner surface in contact with said base body outer surface of said base body and having a sleeve outer surface in contact with said inner surface of said outer body, said plurality of axially abutting sleeves having a combined sleeve axial length not greater than said base body axial length; and

a plurality of axially extending, circumferentially spaced at least one temperature control medium flow channels channel in each said sleeve and including at least one inflow and at least one outflow for a temperature control medium which is flowable through said at least one channel in said sleeve of said thermal insulating material to exchange an amount of heat with said outer body of said rotating body barrel over a channel distance between said inflow and said outflow, each said channel being formed in said outer surface of its one of said plurality of sleeves sleeve of said thermal insulating material, each said channel and being thermally insulated from said base body by said thermal insulating material, said axially extending, circumferentially spaced channels in said axially abutting ones of said plurality of sleeves being aligned to each other to form continuous ones of said plurality of axially extending temperature control medium flow channels[.]); and

at least one fluid inflow for a temperature control medium at a first end of said base body and at least one fluid outflow for said temperature control medium at a second end of said base body, each of said plurality of temperature flow channels in

said sleeves receiving said temperature control medium from said fluid inflow and
providing axial flow of said temperature control medium through each of said
continuous ones of said plurality of axially extending temperature control medium flow
channels to said at least one fluid outflow to exchange an amount of heat between said
outer body of said rotating barrel and said temperature control medium over each said
continuous channel in said abutting ones of said plurality of sleeves during flow of said
temperature control medium through each said continuous channel from said fluid
inflow to said fluid outflow, while being thermally insulated from said base body.

70. (Currently Amended) The rotating body of claim 69 wherein each said channel is open toward said outer body inner surface.

71. (Currently Amended) The rotating body of claim 69 wherein each said channel has a bottom facing toward, and spaced from said base body outer surface.

72. (Cancelled)

73. (Currently Amended) The rotating body of claim 69 wherein each said channel is formed in its respective one of said sleeves sleeve of a thermal insulating material by casting.

74. (Cancelled)

75. (Cancelled)

76. (Currently Amended) The rotating body of claim 69 wherein each of said sleeves sleeve of said thermal insulating material, said base body and said outer body have matched coefficients of thermal expansion.

77. (Currently Amended) The rotating body of claim 69 further including hollow glass bodies in each said sleeve of said thermal insulating material.

78. (Currently Amended) The rotating body of claim 69 wherein each said sleeve of said thermal insulating material is cast between said base body surface and said outer body inner surface.

79. (Cancelled)

80. (Currently Amended) The rotating body of claim 69 79 wherein each said sleeve of said thermal insulating material is an injection-molded plastic.

81. (Cancelled)

82. (Currently Amended) The rotating body of claim 79 wherein each said channel in

each said sleeve of said thermal insulating material is formed by injection molding.

83. (Cancelled)

84. (Currently Amended) The rotating body of claim 69 wherein said outer body has an outer body outer shell surface and wherein each said channel is located not more than 20 mm underneath said outer body outer shell surface.

85-104. (Cancelled)

105. (Currently Amended) The rotating body of claim 69 wherein each said sleeve of said thermal insulating material is a synthetic resin.

106-111. (Cancelled)

112. (Previously Presented) The rotating body of claim 69 wherein said outer body includes an outer shell face which is adapted to support at least one dressing.

113. (Cancelled)

114. (Cancelled)

115. (Previously Presented) The rotating body of claim 69 wherein said outer body is a curved element which at least partially encloses said base body.

116. (Cancelled)

117. (Cancelled)

118. (Previously Presented) The rotating body of claim 115 wherein said curved element has a central angle less than 360°.

119. (Cancelled)

120. (Cancelled)

121. (Cancelled)

122. (Cancelled)

123. (Withdrawn) The rotating body of claim 69 wherein said rotating body is one of a forme cylinder and a transfer cylinder of the printing press.

124. (Withdrawn) The rotating body of claim 69 wherein said rotating body is a roller

in an inking unit of the printing press.

125. (Cancelled)

126. (Withdrawn Amended) The rotating body of claim 69 121 wherein said plurality of said sleeves of said thermal insulating material are of differing axial lengths.

127. (Cancelled)

128. (Cancelled)

129. (Cancelled)

130. (Withdrawn) The rotating body of claim 69 wherein said outer body is a cylindrical pipe.

131. (Withdrawn) The rotating body of claim 69 wherein said outer body is thin-walled.

132. (Withdrawn Amended) The rotating body of claim 69 wherein said outer body is positioned on top of said plurality of sleeves at least one sleeve.

133. (Withdrawn Amended) The rotating body of claim 69 wherein said outer body is

positively connected to said plurality of sleeves at least one sleeve.

134. (Withdrawn Amended) The rotating body of claim 69 wherein said outer body covers said plurality of axially extending at least one temperature control medium flow channels channel.

135. (Withdrawn) The rotating body of claim 69 wherein said outer body is a corrosion-proof and wear-proof metallic material.

136. (Withdrawn Amended) The rotating body of claim 69 wherein each of said plurality of sleeves at least one sleeve is a plastic material.

137. (Cancelled)

138. (Withdrawn) The rotating body of claim 128 further including strips formed between said grooves, said strips being in engagement with said inner surface of said outer body.